AMENDMENTS TO THE ABSTRACT

In the Abstract:

Please accept the following replacement abstract, marked to show changes:

[0076] Debris is filtered from refrigerant in a refrigerant system by: (1) installing a filtration apparatus in the high pressure side of a refrigerant system, the apparatus comprising a filtration housing having primary and secondary passages, a primary filter disposed in the primary passage, and a diverter means for selectively directing refrigerant flow through either the primary or the secondary circuit passages; (2) directing refrigerant flow through the primary circuit passage; (3) operating the refrigerant system until a shifting parameter is obtained; and (4) operating the diverter means so as to direct refrigerant flow to the secondary circuit passage. Optionally, a secondary filter is disposed in the secondary filter channel. In alternate methods, the shifting parameter comprises one of: elapsed time of operation of the system; selected differential pressure across the primary filter; or a selected compressor discharge pressure above said normal compressor discharge pressure.

~~The filtration apparatus of this invention comprises a primary circuit for flowing refrigerant fluid through a primary filter during debris flushing of the refrigerant system of and automotive air conditioning system. After a failed component is replaced, the apparatus is installed in the high pressure side of the refrigerant system between the condenser and the orifice tube. The system is charged with refrigerant and operated at normal temperature to dissolve and flush~~

~~any debris in the high pressure side. The primary filter traps any such debris. Following flushing operations, an apparatus diverter valve is operated to shift the flow of refrigerant to a secondary circuit of the apparatus having a secondary filter. Flow through the secondary circuit and secondary filter allows for normal operations of the air conditioning system, with the primary circuit and primary filter isolated from the flow of refrigerant. This apparatus and method of heated refrigerant flushing avoids the use of flushing solvents while minimizing the use of component parts, labor time and refrigerant~~.